

## EAST Search History

| Ref # | Hits    | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|---|------------------|---------|------------------|
| S1    | 40253   | (purif\$7 or refin\$4) with (hydrogen or "h.sub.2")                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 18:31 |
| S2    | 28373   | (solvent or extractant) with (methane or ethane or propane or butane) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 18:27 |
| S3    | 1645462 | strip\$4 or (extract\$8 near3 column)                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 18:28 |
| S4    | 451     | S1 and S2 and S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/12/06 18:28 |
| S5    | 70179   | counter\$1current or (counter adj current)                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 18:29 |
| S6    | 125     | S4 and S5   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/12/06 18:30 |
| S7    | 1511    | S2 same S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/12/06 18:30 |
| S8    | 390     | (hydrogen or "h.sub.2") same S7                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/12/06 18:31 |

## EAST Search History

|    |    |           |   |    |     |                  |
|----|----|-----------|---|----|-----|------------------|
| S9 | 42 | S8 and S6 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/12/06 18:31 |
|----|----|-----------|---|----|-----|------------------|